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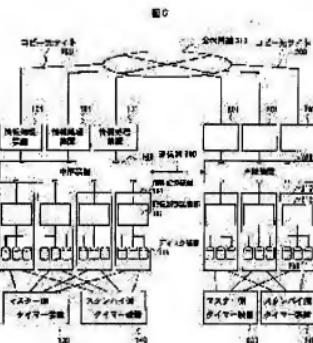
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(54) INFORMATION STORAGE SYSTEM AND ITS CONTROL METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To improve fault tolerance of an sequencing information provider in an information storage system having a plurality of information storage devices, to keep a high fault tolerance even in site switching of a copy source and a copy destination in data copy processing between sites constituted of a plurality of information storage devices, and to provide the information storage system enabling suppression of initial investment.

SOLUTION: A redundant constitution is given to sequencing information providing means for sequencing reception of write information, which are used for remote copy, in the information storage system constituted of a plurality of information storage devices. They are so constituted that the sequencing information providing means switched to as the new master may inform the information storage devices of progress of information in switching of the sequencing information providing means. Sequencing information providing means are provided in the copy destination site also. A redundant constitution is given to sequencing information providing means in the copy source site and the copy destination site.



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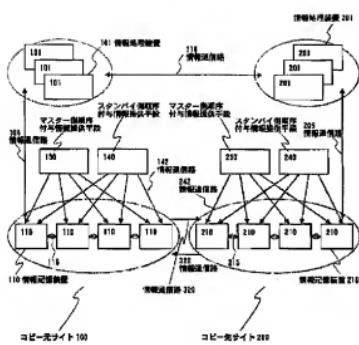
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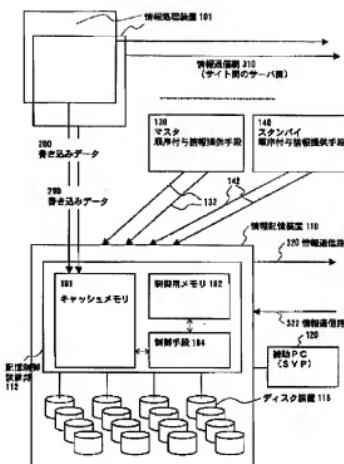
【図1】

1



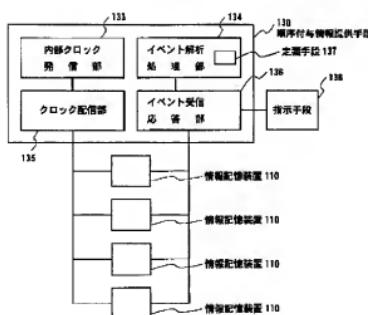
【図2】

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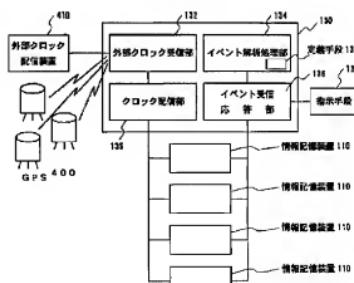
[图3]

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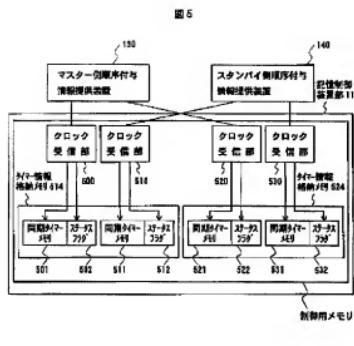


[図4]

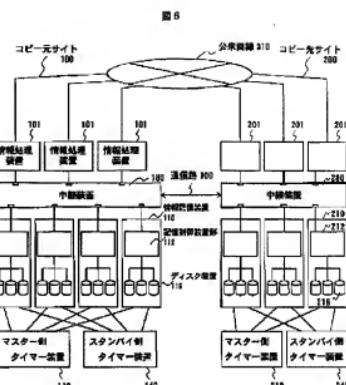
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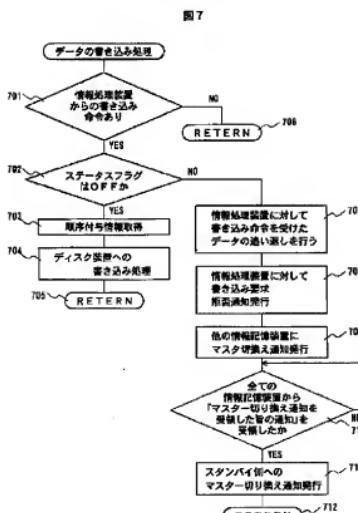
【図5】



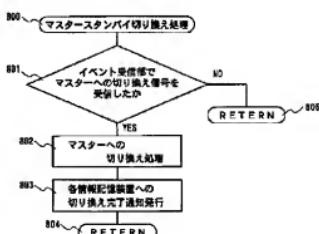
【図6】



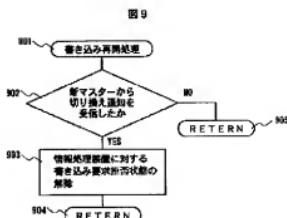
【図7】



【図8】

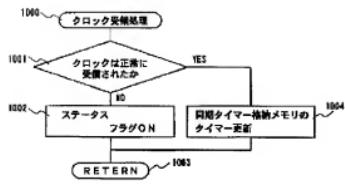


【図9】



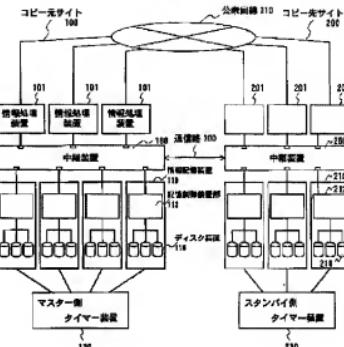
【図10】

10



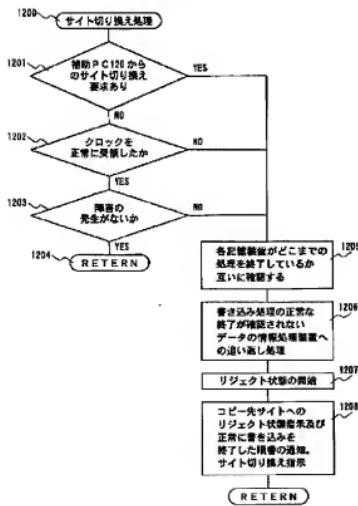
【图 1-1】

1



【图12】

13



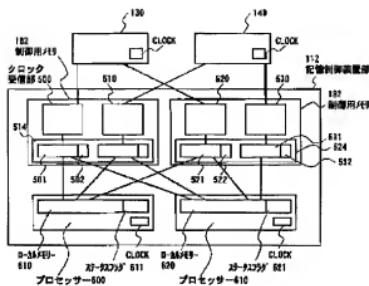
【图 1.3】

圖 1-3



【图1-4】

圖 14



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